

Plantation Road Transportation Enhancement Program Application



Enhancement Program

- Federal SAFETEA-LU (Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users)
Transportation Enhancement Program administered by VDOT
- Intended to improve non-motorized transportation, enhance the public's traveling experience, revitalize communities and improve quality of life
- 20 percent local match required
- November 1, 2011 Application Deadline



Project Scope

Plantation Road (Rt 115) from
Interstate 81 to
Williamson Road (US Rt 11)

- Largest employment base in the County (4,000+ jobs)
- 400 hotel rooms
- Numerous commercial and industrial development opportunities (new and redevelopment)
- Interstate access
- Close to Hollins University
- Recreational resources nearby (Walrond Park, Carvins Cove trails, proposed Tinker Creek Greenway segment)



Project Scope

Plantation Road Transportation Enhancement Program Application



Roanoke County Community Development

Project Goals

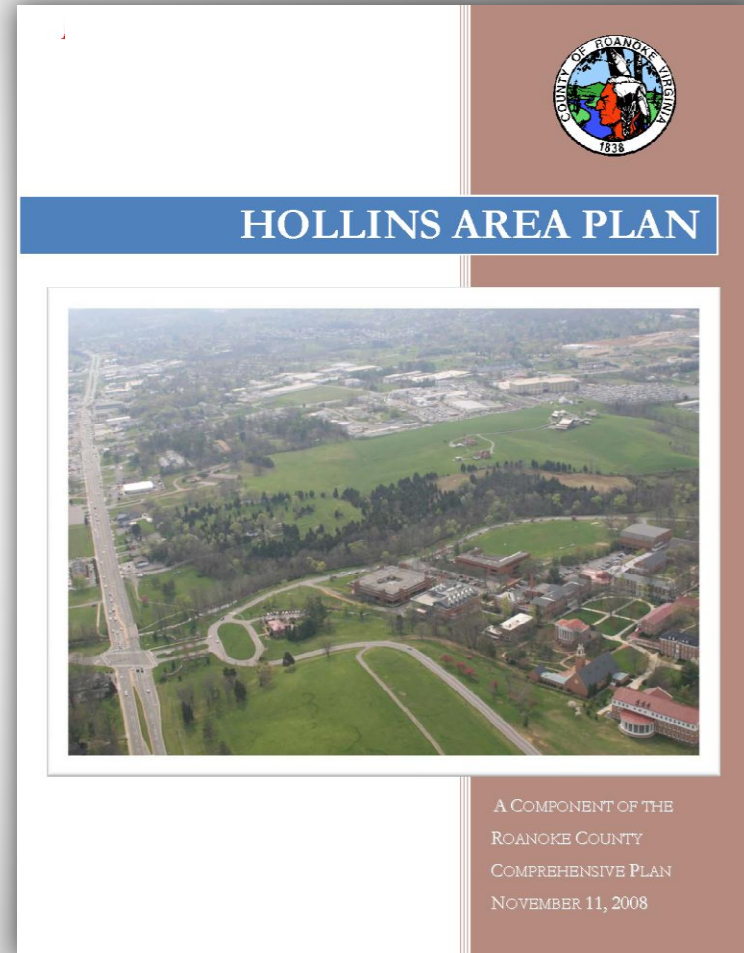
1. Provide pedestrian accommodations
2. Provide bicycle accommodations
3. Connect existing and planned recreational facilities
4. Improve streetscape
5. Enhance gateways and nodes
6. Consider mass transit opportunities
7. Consider access management changes








Hollins Area Plan Implementation Strategies

Initiating 4 of 17 strategies :

1. Construct and install **streetscape improvements** (sidewalks, lighting, landscaping, signage, street furniture, etc.) throughout the study area
2. Incorporate **bicycle lanes** along Williamson Road and Plantation Road where feasible
3. Improve the **pedestrian crosswalks** at Plantation Road and Williamson Road
4. Expand **transit opportunities** to the study area when and where feasible



Project History

Date	Request	Purpose	Source	Result
12/2009	\$677,000 (\$169,000 County match)	Funding of a portion of Phase 1	 Federal SAFETEA-LU Program (Transportation Enhancement Program through VDOT)	\$0
8/2010	\$0	Plantation Road Corridor Study	 VDOT Salem District Office	Study to be completed shortly
9/2010	\$60,000 (\$60,000 County match)	Preliminary Engineering (Surveying and Design, entire project)	 VDOT Revenue Sharing Program	\$27,654 received (Balance from other Revenue Sharing projects)
4/2011	\$50,000 (\$50,000 County match)	Pedestrian signalization for Williamson Road and Gander Way/Friendship Lane traffic signals	 VDOT Revenue Sharing Program	\$50,000 received
11/2011	\$500,000 (\$125,000 County match)	Funding of Phase 1	 Federal SAFETEA-LU Program (Transportation Enhancement Program through VDOT)	To Be Determined
Totals			\$77,654 funds allocated from VDOT + \$77,654 County match funds <hr/> \$155,308 dollars allocated to date	



Pedestrian Accommodations

Sidewalks

- Western side: most locations
- Eastern side: partial



Pedestrian walking past ITT (eastern side)



Proposed Sidewalks, Shared Use Trails and Crosswalks

Plantation Road Transportation Enhancement Program Application



Roanoke County Community Development

Pedestrian Accommodations

Pedestrian crosswalks



Pedestrians crossing to ITT



Pedestrians crossing at Hollins Manor



Pedestrian Accommodations

Pedestrian crosswalks

Existing signals (funded):

- Williamson Road
- Gander Way / Friendship Lane

Mid-block:

- Walrond Drive
- Near Lila Drive
- Hitech Road



Bicycle Accommodations

Bicycle lanes along Plantation Road



Bicyclist riding past ITT



Proposed Bicycle Accommodations
Plantation Road Transportation Enhancement Program Application



Bicycle *and* Pedestrian Accommodations

Shared-use paths for pedestrians and bicycles:

- From Walrond Park to the proposed Greenway (Walrond / Enon Drives to Plantation Road to Friendship Lane)
- Hitech Road for access to ITT facilities
- Future connections along Plantation Road across I-81 to the proposed Greenway and along Enon Drive
- Alternative to Plantation Road sidewalk along McConnell Road



Proposed Bicycle Accommodations
Plantation Road Transportation Enhancement Program Application



Proposed Hollins Greenway

- Segment of the Tinker Creek Greenway from Williamson Road to Carvins Cove Natural Reserve primarily located on Hollins University property
- Proposed parking lot for users
- Will ultimately connect the Roanoke River Greenway to the Carvins Cove trail network



Streetscape Improvements

1. Sidewalks
2. Street Trees
3. Historic Pedestrian Lighting
4. Street Furniture



Proposed BSC Ventures Streetscape Improvements

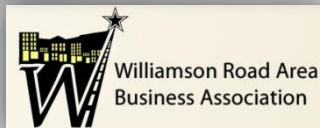


Gateway/Node Improvements

1. Improve existing landscaping
2. Add new landscaping
3. Entrance sign
“Welcome to Hollins”



Node Improvements (Williamson) Funded



\$50,000 dollars for
new/additional landscaping and
maintenance for 5 years
Installation Spring 2012



Gateway Improvements (I-81)



Mass Transit Opportunities

1. Valley Metro Bus Service?
2. Smart Way Bus Service?
3. Park-n-Ride?



Route 311 Park and Ride



Access Management

1. Center Lane:
 - Replace certain sections with landscaped medians and left turn lanes
2. Consider entrance consolidations
3. Interparcel connectivity opportunities



2012 Project Summary

(figures approximate)

Total Proposed Cost: \$2.5 million dollars

Proposed 2012 Request: \$500,000 dollars

Required Match: \$125,000 dollars



Scheduled Meetings and Outreach

1. Roanoke Valley Area Metropolitan Planning Organization
2. Hollins University
3. Plantation Area Businesses
4. Friendship Retirement Community
5. Williamson Road Area Business Association
6. Roanoke County Board of Supervisors
7. Roanoke County Planning Commission
8. Roanoke County Economic Development Authority
9. Roanoke County Parks, Recreation and Tourism Advisory Committee



Questions

